

Amendments to the Claims

Kindly amend claims 1, 22, 43 and 45, as set forth below. In compliance with the Revised Amendment Format published in the Official Gazette on February 25, 2003, a complete listing of claims is provided herein. The changes in the amended claims are shown by strikethrough (for deleted matter) and underlining (for added matter).

1. (Currently Amended) A method of managing workload of a computing environment, said method comprising:

managing workload across two or more partitions of a plurality of partitions of said computing environment, wherein a partition has one or more central processors allocated thereto;

said managing comprising dynamically redistributing allocation of a shareable resource of at least one partition of said two or more partitions, so as to effectuate achievement of workload goals, comprising application program processing goals, of said two or more partitions.

2. (Previously Amended) The method of claim 1, wherein said dynamically redistributing is performed transparently to work processing within said at one least one partition.

3. (Original) The method of claim 1, wherein said shareable resource comprises at least one of central processing unit resources, logical processor resources, input/output resources, channel resources, coprocessors, network adapters, and memory.

4. (Previously Amended) The method of claim 1, wherein said dynamically redistributing comprises moving at least a portion of said shareable resource from one partition to at least one other partition.

5. (Previously Amended) The method of claim 1, wherein said dynamically redistributing comprises redistributing said shareable resource among said two or more partitions based on priority.

6. (Previously Amended) The method of claim 1, wherein said dynamically redistributing comprises redistributing said shareable resource among said two or more partitions based on percentage allocation, wherein each partition of said two or more partitions is assigned a percentage of said shareable resource.

7. (Original) The method of claim 1, wherein said partitions are logical partitions.

8. (Previously Amended) The method of claim 1, wherein said dynamically redistributing comprises redistributing allocation of a plurality of shareable resources.

9. (Previously Amended) The method of claim 1, wherein said dynamically redistributing is controlled at least in part by at least one workload manager of said computing environment.

10. (Previously Amended) The method of claim 1, wherein said dynamically redistributing comprises increasing allocation of said shareable resource.

11. (Previously Amended) The method of claim 1, wherein said dynamically redistributing comprises decreasing allocation of said shareable resource.

12. (Previously Amended) The method of claim 1, wherein said dynamically redistributing is performed without a requirement for data sharing.

13. (Previously Amended) A method of managing workload of a computing environment, said method comprising:

managing workload across two or more logical partitions of a plurality of logical partitions of said computing environment, wherein said two or more logical partitions concurrently share at least one shareable resource;

said managing comprising dynamically redistributing allocation of a shareable resource of at least one partition of said two or more partitions.

14. (Original) The method of claim 13, wherein said shareable resource comprises at least one of central processing unit resources, logical processor resources, input/output resources, channel resources, coprocessors, network adapters, and memory.

15. (Previously Presented) The method of claim 13, wherein workload goals of said two or more logical partitions are being balanced.

16. (Previously Amended) The method of claim 13, wherein said dynamically redistributing comprises increasing allocation of said shareable resource.

17. (Previously Amended) The method of claim 13, wherein said dynamically redistributing comprises decreasing allocation of said shareable resource.

18. (Previously Amended) The method of claim 13, wherein said dynamically redistributing comprises moving at least a portion of said shareable resource from one logical partition to at least one other logical partition.

19. (Currently Amended) The method of claim 13, wherein said dynamically redistributing comprises managing said shareable resource among said two or more logical partitions based on priority.

20. (Previously Amended) The method of claim 13, wherein said dynamically redistributing comprises redistributing said shareable resource among said two or more logical

partitions based on percentage allocation, wherein each logical partition of said two or more logical partitions is assigned a percentage of said shareable resource.

21. (Previously Amended) The method of claim 13, wherein said dynamically redistributing comprises redistributing allocation of a plurality of shareable resources.

22. (Currently Amended) A system of managing workload of a computing environment, said system comprising:

means for managing workload across two or more partitions of a plurality of partitions of said computing environment, wherein a partition has one or more central processors allocated thereto;

said means for managing comprising means for dynamically redistributing allocation of a shareable resource of at least one partition of said two or more partitions, so as to effectuate achievement of workload goals, comprising application program processing goals, of said two or more partitions.

23. (Previously Amended) The system of claim 22, wherein the dynamically redistributing is performed transparently to work processing within said at one least one partition.

24. (Original) The system of claim 22, wherein said shareable resource comprises at least one of central processing unit resources, logical processor resources, input/output resources, channel resources, coprocessors, network adapters, and memory.

25. (Previously Amended) The system of claim 22, wherein said means for dynamically redistributing comprises means for moving at least a portion of said shareable resource from one partition to at least one other partition.

26. (Previously Amended) The system of claim 22, wherein said means for dynamically redistributing comprises means for managing said shareable resource among said two or more partitions based on priority.

27. (Previously Amended) The system of claim 22, wherein said means for dynamically redistributing comprises means for redistributing said shareable resource among said two or more partitions based on percentage allocation, wherein each partition of said two or more partitions is assigned a percentage of said shareable resource.

28. (Original) The system of claim 22, wherein said partitions are logical partitions.

29. (Previously Amended) The system of claim 22, wherein said means for dynamically redistributing comprises means for redistributing allocation of a plurality of shareable resources.

30. (Previously Amended) The system of claim 22, wherein said means for dynamically redistributing is controlled at least in part by at least one workload manager of said computing environment.

31. (Previously Amended) The system of claim 22, wherein said means for dynamically redistributing comprises means for increasing allocation of said shareable resource.

32. (Previously Amended) The system of claim 22, wherein said means for dynamically redistributing comprises means for decreasing allocation of said shareable resource.

33. (Previously Amended) The system of claim 22, wherein said means for dynamically redistributing is performed without a requirement for data sharing.

34. (Previously Amended) A system of managing workload of a computing environment, said system comprising:

means for managing workload across two or more logical partitions of a plurality of logical partitions of said computing environment, wherein said two or more logical partitions concurrently share at least one shareable resource;

said means for managing comprising means for dynamically redistributing allocation of said shareable resource of at least one logical partition of said two or more logical partitions.

35. (Original) The system of claim 34, wherein said shareable resource comprises at least one of central processing unit resources, logical processor resources, input/output resources, channel resources, coprocessors, network adapters, and memory.

36. (Previously Presented) The system of claim 34, wherein workload goals of said two or more logical partitions are being balanced.

37. (Previously Amended) The system of claim 34, wherein said means for dynamically redistributing comprises increasing allocation of said shareable resource.

38. (Previously Amended) The system of claim 34, wherein said means for dynamically redistributing comprises means for decreasing allocation of said shareable resource.

39. (Previously Amended) The system of claim 34, wherein said means for dynamically redistributing comprises means for moving at least a portion of said shareable resource from one logical partition to at least one other logical partition.

40. (Previously Amended) The system of claim 34, wherein said means for dynamically redistributing comprises means for managing said shareable resource among said two or more logical partitions based on priority.

41. (Previously Amended) The system of claim 34, wherein said means for dynamically redistributing comprises means for redistributing said shareable resource among

said two or more logical partitions based on percentage allocation, wherein each logical partition of said two or more logical partitions is assigned a percentage of said shareable resource.

42. (Previously Amended) The system of claim 34, wherein said means for dynamically redistributing comprises means for redistributing allocation of a plurality of shareable resources.

43. (Currently Amended) A system of managing workload of a computing environment, said system comprising:

a processor adapted to manage workload across two or more partitions of a plurality of partitions of said computing environment, wherein a partition has one or more central processors allocated thereto; and

wherein said managing comprises dynamically redistributing allocation of a shareable resource of at least one partition of said two or more partitions; so as to effectuate achievement of workload goals, comprising application program processing goals, of said two or more partitions.

44. (Previously Amended) A system of managing workload of a computing environment, said system comprising:

a processor adapted to manage workload across two or more logical partitions of a plurality of logical partitions of said computing environment, wherein said two or more logical partitions concurrently share at least one shareable resource; and

wherein said managing comprises dynamically redistributing allocation of said shareable resource of at least one logical partition of said two or more logical partitions.

45. (Currently Amended) At least one program storage device readable by a machine, tangibly embodying at least one program of instructions executable by the machine to perform a method of managing workload of a computing environment, said method comprising:

managing workload across two or more partitions of a plurality of partitions of said computing environment, wherein a partition has one or more central processors allocated thereto;

said managing comprising dynamically redistributing allocation of a shareable resource of at least one partition of said two or more partitions, so as to effectuate achievement of workload goals, comprising application program processing goals, of said two or more partitions.

46. (Previously Amended) The at least one program storage device of claim 45, wherein said redistributing is performed transparently to work processing within said at one least one partition.

47. (Original) The at least one program storage device of claim 45, wherein said shareable resource comprises at least one of central processing unit resources, logical processor resources, input/output resources, channel resources, coprocessors, network adapters, and memory.

48. (Previously Amended) The at least one program storage device of claim 45, wherein said dynamically redistributing comprises moving at least a portion of said shareable resource from one partition to at least one other partition.

49. (Previously Amended) The at least one program storage device of claim 45, wherein said dynamically redistributing comprises managing said shareable resource among said two or more partitions based on priority.

50. (Previously Amended) The at least one program storage device of claim 45, wherein said dynamically redistributing comprises redistributing said shareable resource among said two or more partitions based on percentage allocation, wherein each partition of said two or more partitions is assigned a percentage of said shareable resource.

51. (Original) The at least one program storage device of claim 45, wherein said partitions are logical partitions.

52. (Previously Amended) The at least one program storage device of claim 45, wherein said dynamically redistributing comprises redistributing allocation of a plurality of shareable resources.

53. (Previously Amended) The at least one program storage device of claim 45, wherein said dynamically redistributing is controlled at least in part by at least one workload manager of said computing environment.

54. (Previously Amended) The at least one program storage device of claim 45, wherein said dynamically redistributing comprises increasing allocation of said shareable resource.

55. (Previously Amended) The at least one program storage device of claim 45, wherein said dynamically redistributing comprises decreasing allocation of said shareable resource.

56. (Previously Amended) The at least one program storage device of claim 45, wherein said dynamically redistributing is performed without a requirement for data sharing.

57. (Previously Amended) An article of manufacture, comprising:

at least one computer usable medium having computer readable program code means embodied therein for causing the managing of workload of a computing

environment, the computer readable program code means in said article of manufacture comprising:

computer readable program code means for causing a computer to manage workload across two or more logical partitions of a plurality of logical partitions of said computing environment, wherein said two or more logical partitions concurrently share at least one shareable resource;

said computer readable program code means for causing a computer to manage comprising computer readable program code means for causing a computer to dynamically redistribute allocation of said shareable resource of at least one logical partition of said two or more logical partitions.

58. (Original) The article of manufacture of claim 57, wherein said shareable resource comprises at least one of central processing unit resources, logical processor resources, input/output resources, channel resources, coprocessors, network adapters, and memory.

59. (Previously Presented) The article of manufacture of claim 57, wherein workload goals of said two or more logical partitions are being balanced.

60. (Previously Amended) The article of manufacture of claim 57, wherein said computer readable program code means for causing a computer to dynamically redistribute comprises computer readable program code means for causing a computer to increase allocation of said shareable resource.

61. (Previously Amended) The article of manufacture of claim 57, wherein said computer readable program code means for causing a computer to dynamically redistribute comprises computer readable program code means for causing a computer to decrease allocation of said shareable resource.

62. (Previously Amended) The article of manufacture of claim 57, wherein said computer readable program code means for causing a computer to dynamically redistribute comprises computer readable program code means for causing a computer to move at least a portion of said shareable resource from one logical partition to at least one other logical partition.

63. (Previously Amended) The article of manufacture of claim 57, wherein said computer readable program code means for causing a computer to dynamically redistribute comprises computer readable program code means for causing a computer to manage said shareable resource among said two or more logical partitions based on priority.

64. (Previously Amended) The article of manufacture of claim 57, wherein said computer readable program code means for causing a computer to dynamically redistribute comprises computer readable program code means for causing a computer to redistribute said shareable resource among said two or more logical partitions based on percentage allocation, wherein each logical partition of said two or more logical partitions is assigned a percentage of said shareable resource.

65. (Previously Amended) The article of manufacture of claim 57, wherein said computer readable program code means for causing a computer to dynamically redistribute comprises computer readable program code means for causing a computer to redistribute allocation of a plurality of shareable resources.